

FIG. 4a

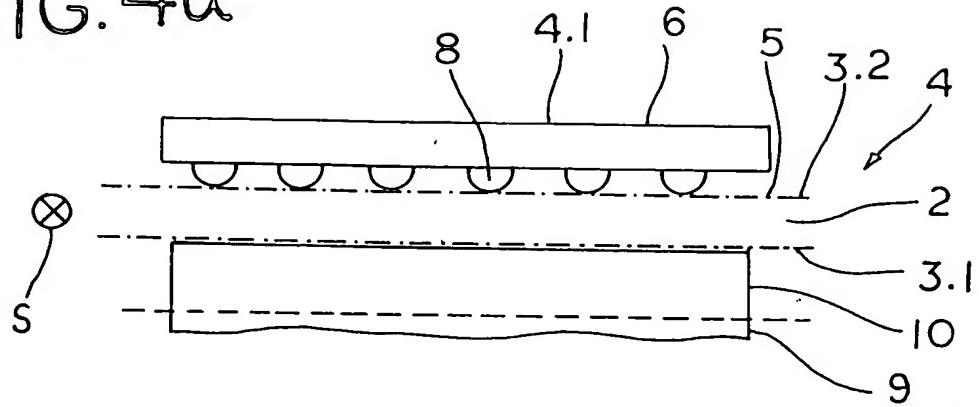


FIG. 4b

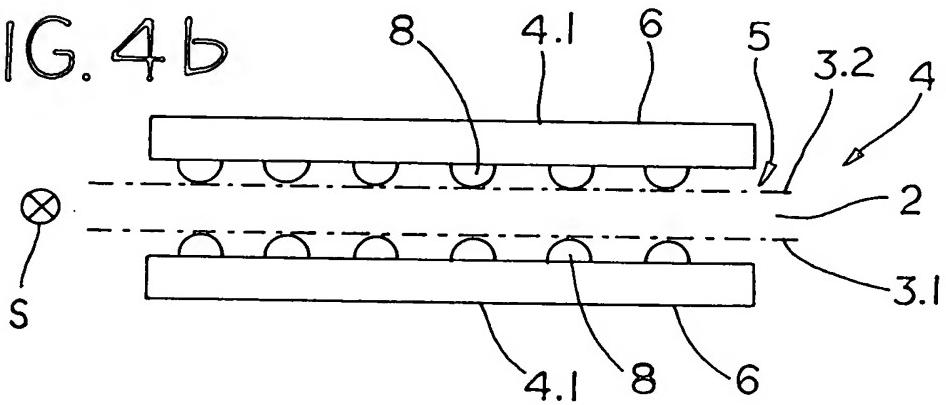


FIG. 4c

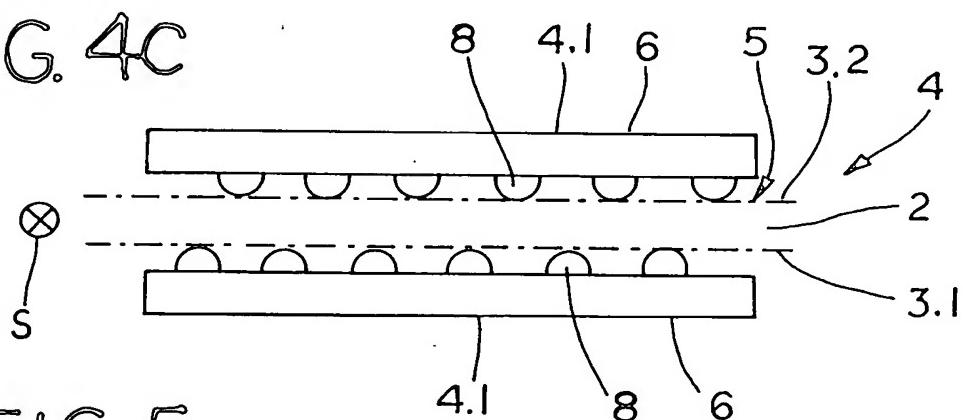


FIG. 5

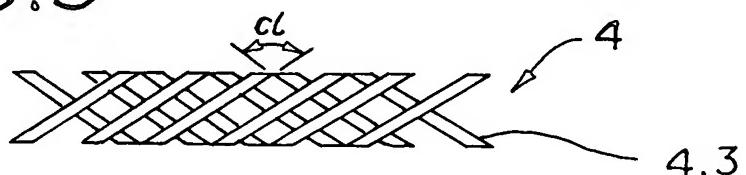


FIG.6

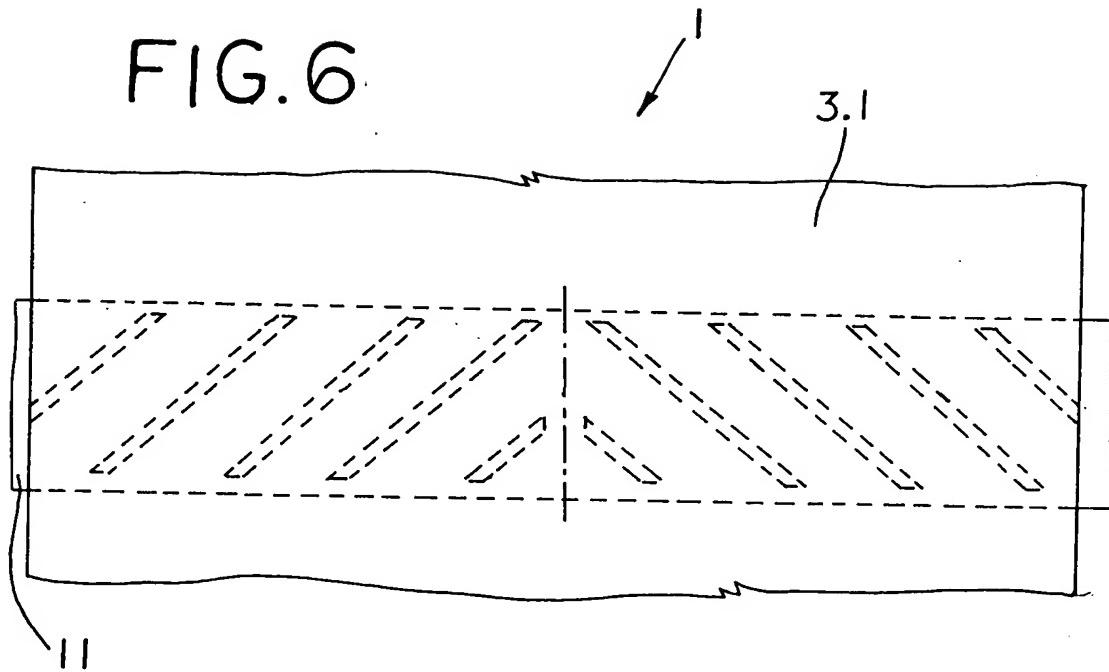


FIG.7

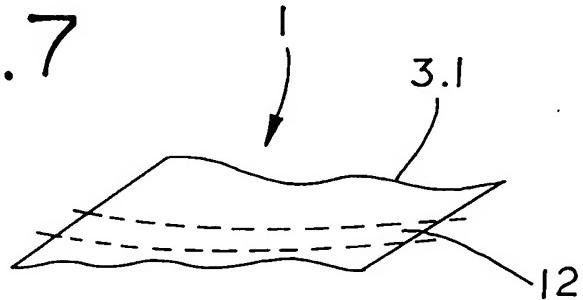


FIG. 8

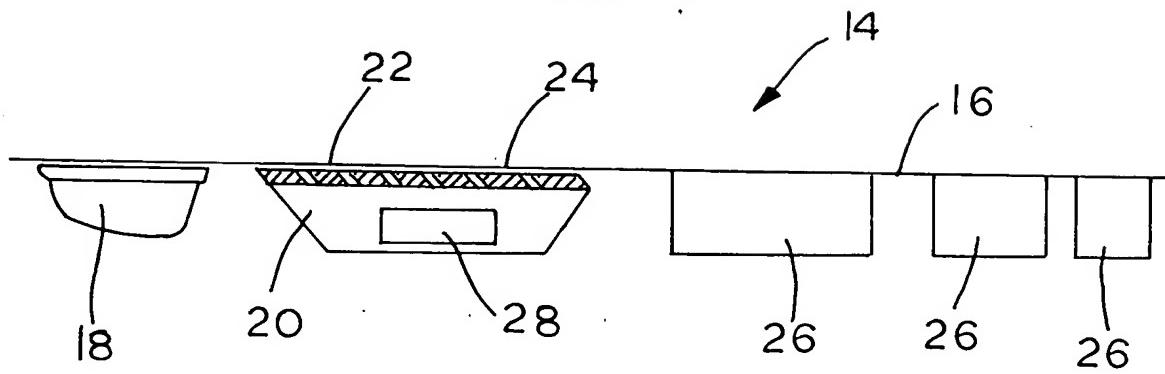
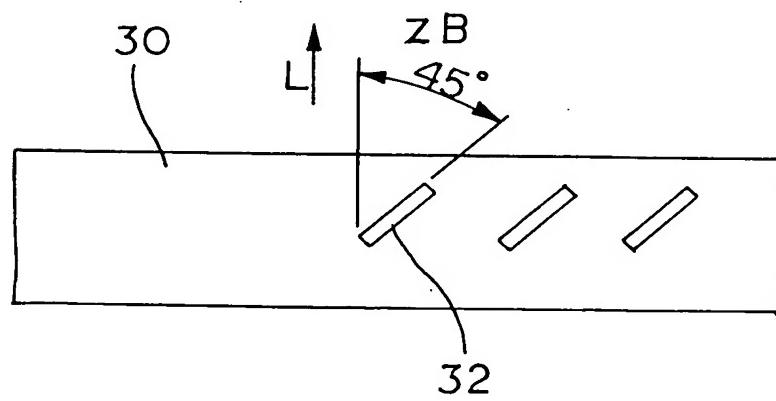


FIG. 9



TEAR LENGTH RELATIONSHIP LONGITUDINAL/TRANSVERSE LQ [-]

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE
TENSILE STIFFNESS RELATIONSHIP LONGITUDINAL/TRANSVERSE
WITH AND WITHOUT VACUUM

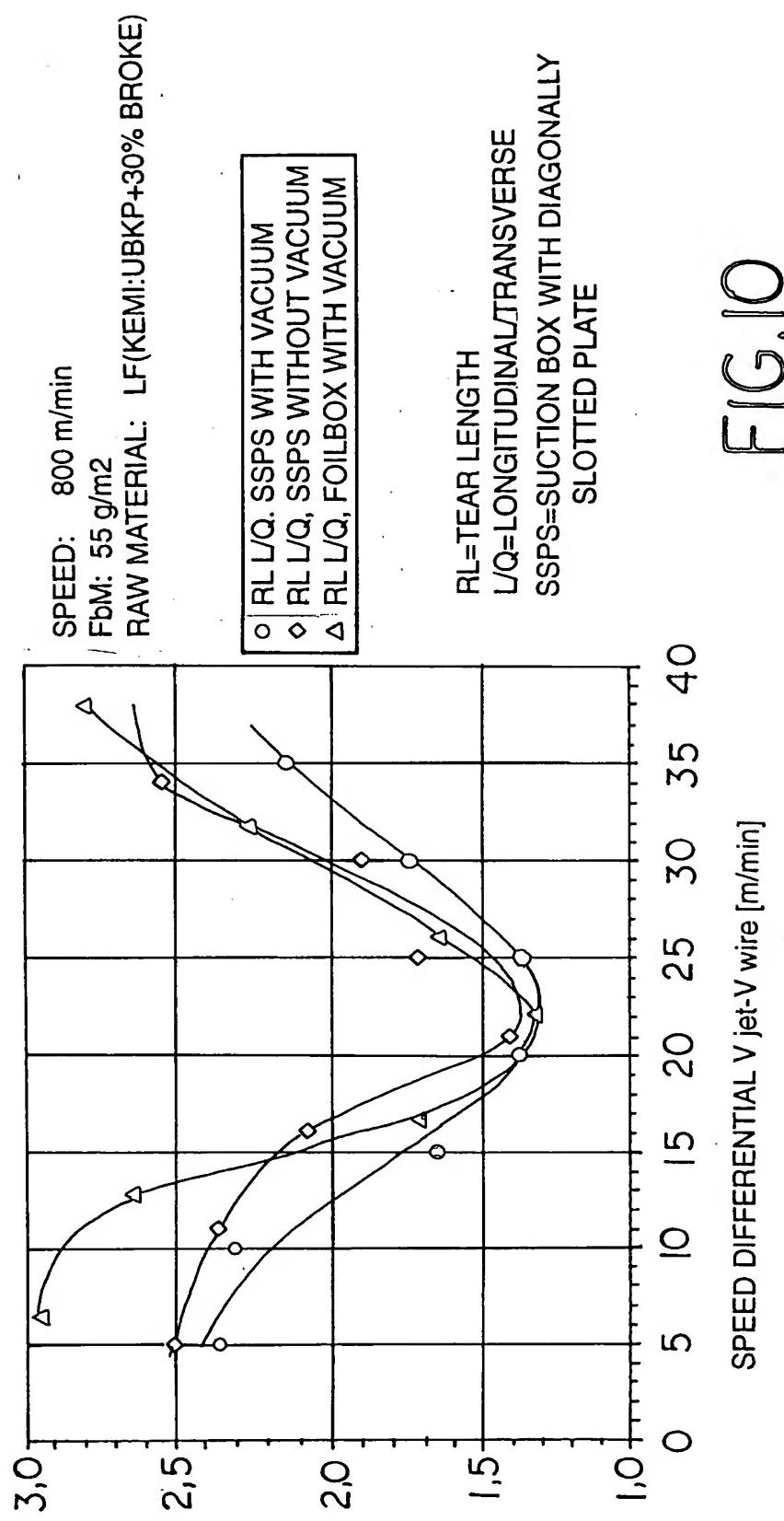


FIG.10

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE
 TENSILE STIFFNESS RELATIONSHIP LONGITUDINAL/TRANSVERSE
 WITH AND WITHOUT VACUUM

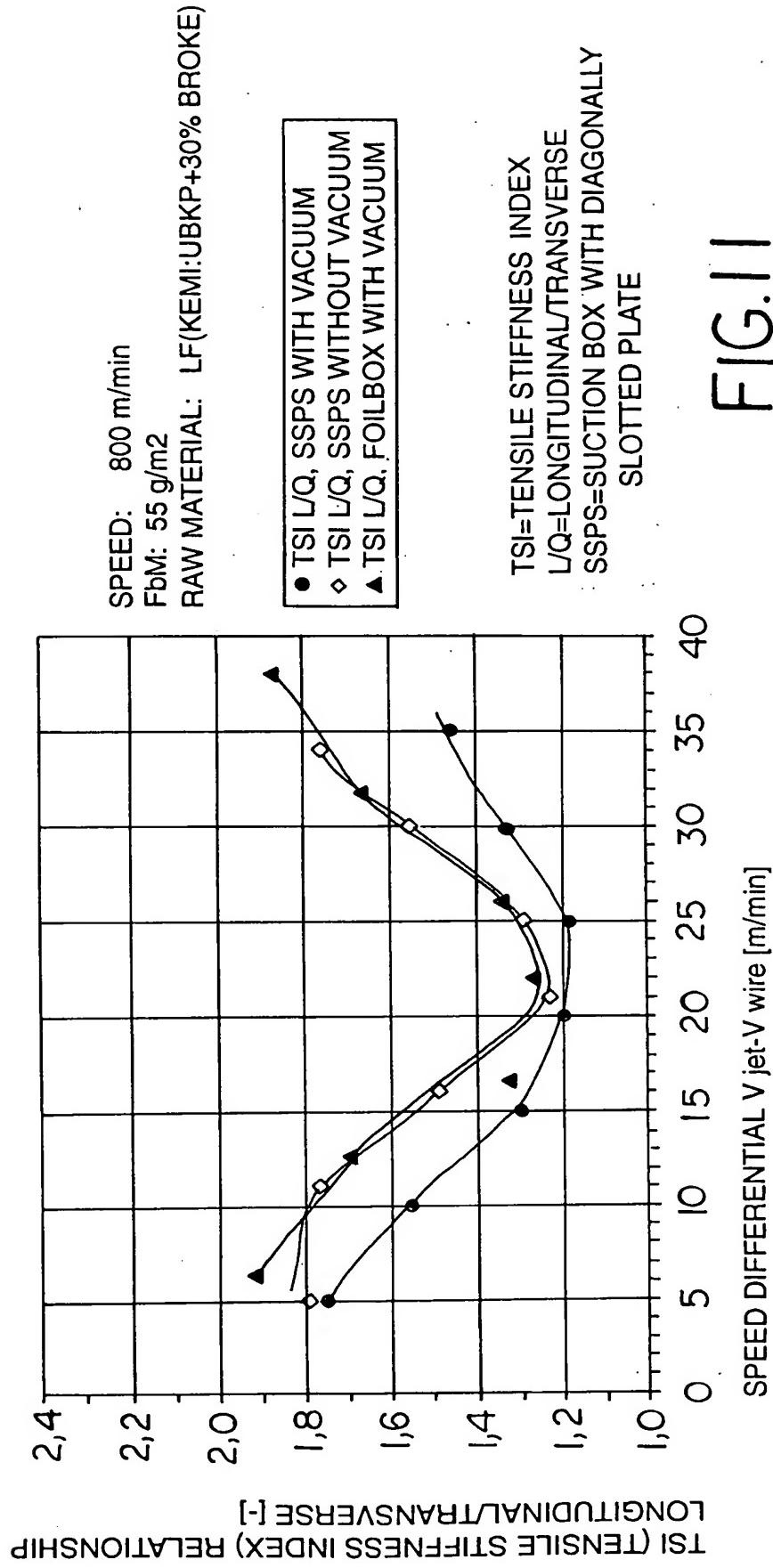


FIG. II

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE
 TRANSVERSE STRENGTH WITH AND WITHOUT VACUUM ON THE
 DIAGONALLY SLOTTED PLATE SUCTION BOX

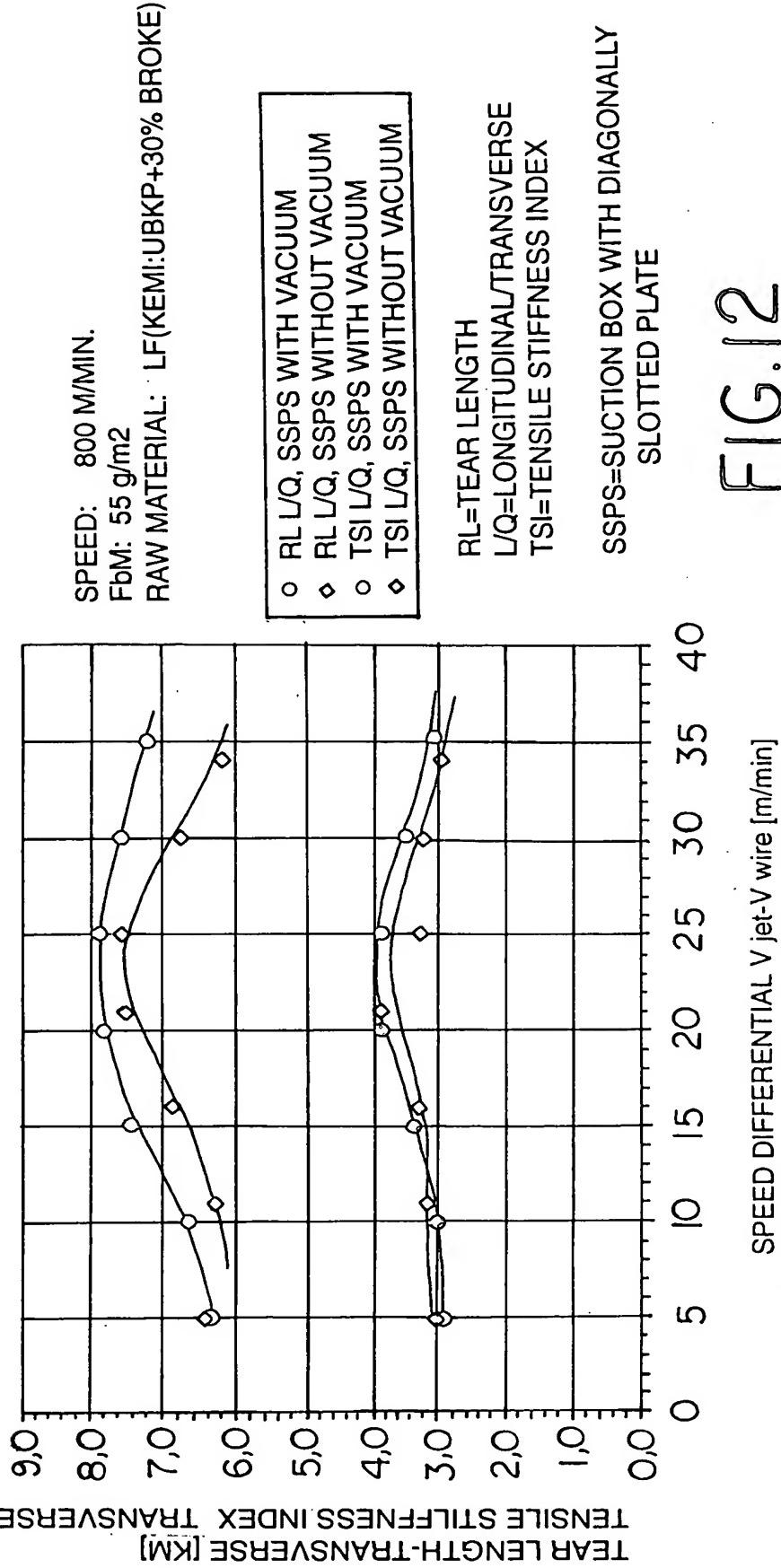
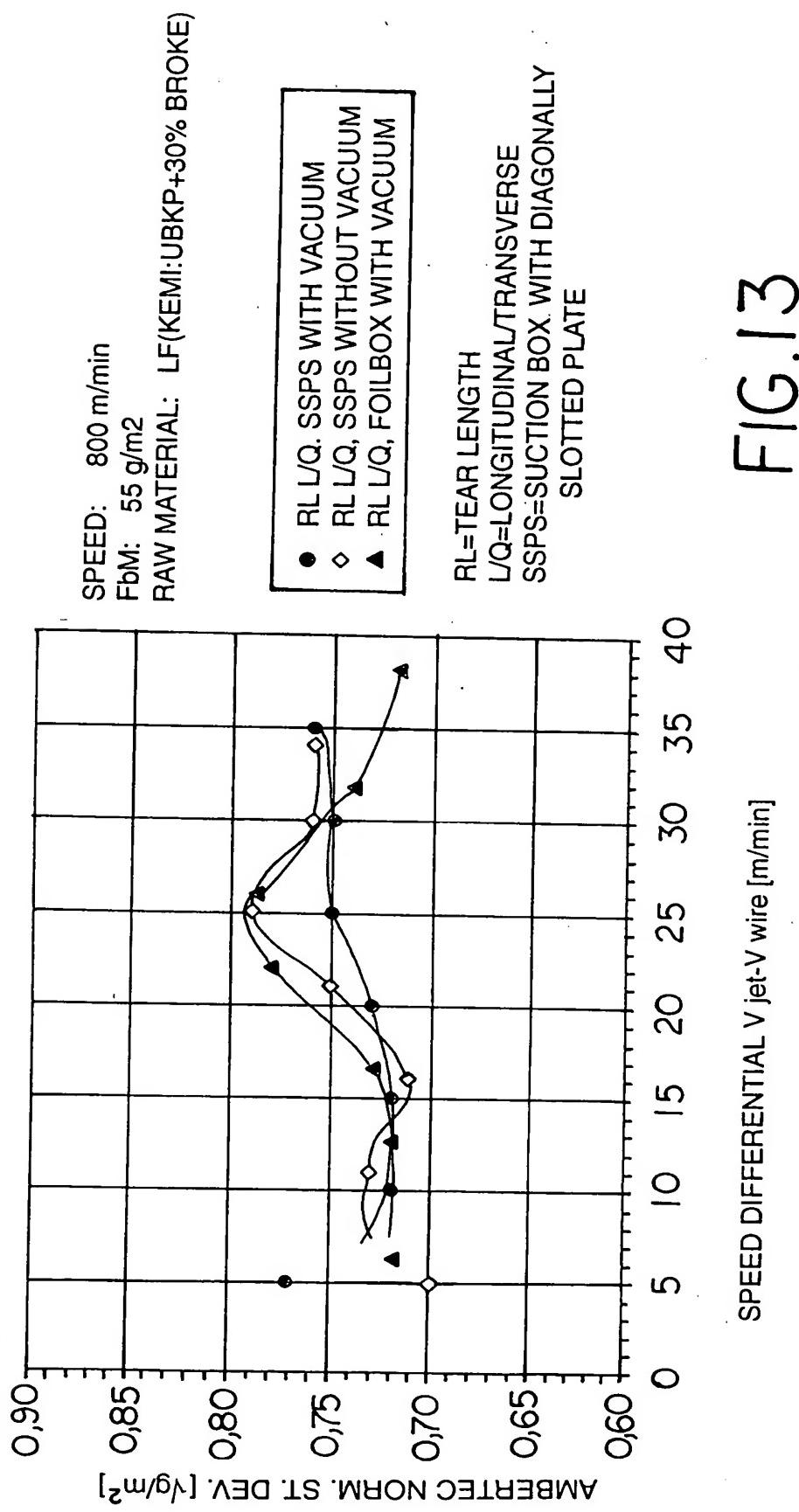


FIG. 12

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE
FORMATION WITH AND WITHOUT VACUUM



SUCTION BOX WITH DIAGONALLY SLOTTED PLATE
TENSILE STIFFNESS ORIENTATION WITH AND WITHOUT VACUUM

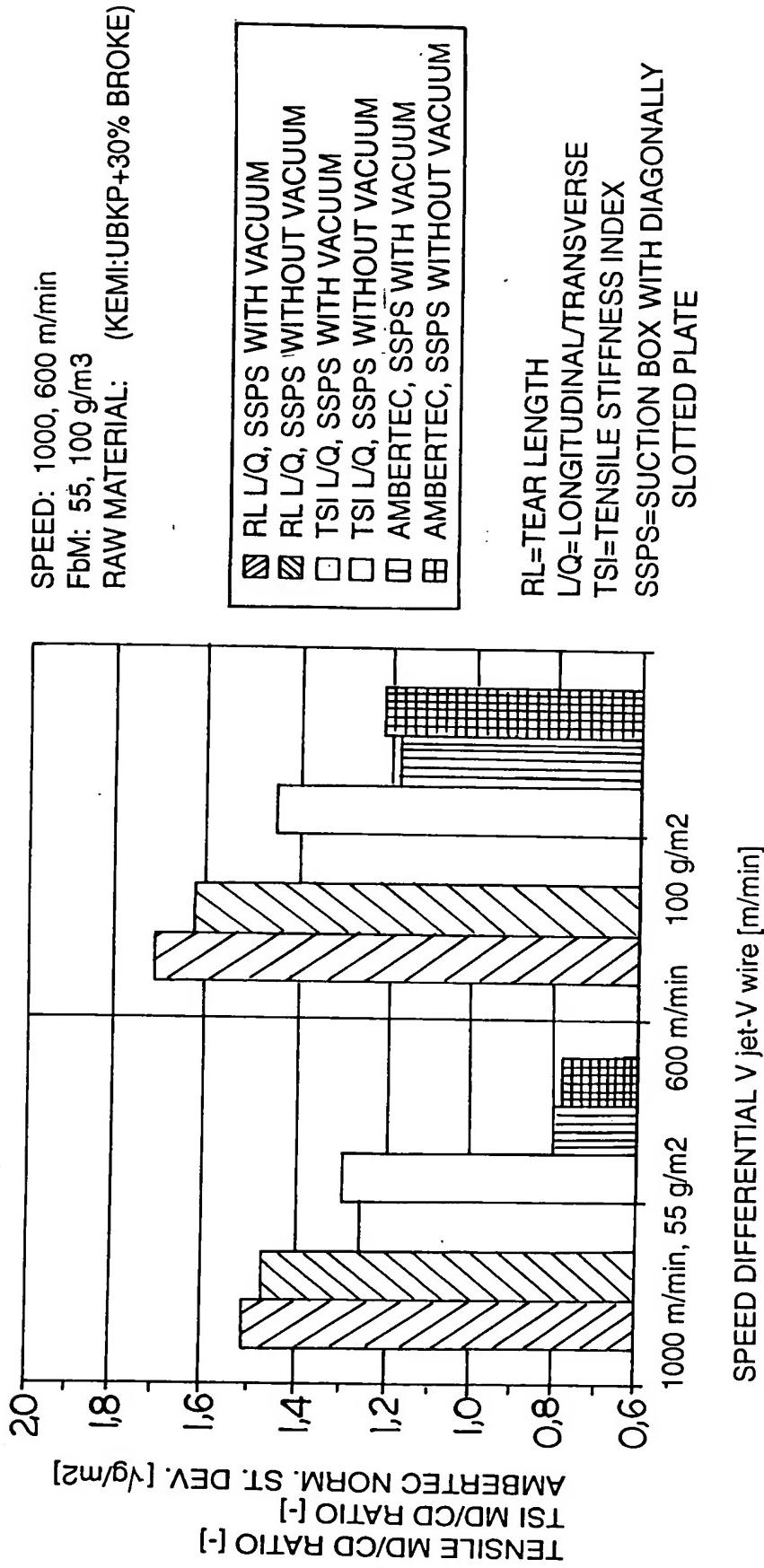
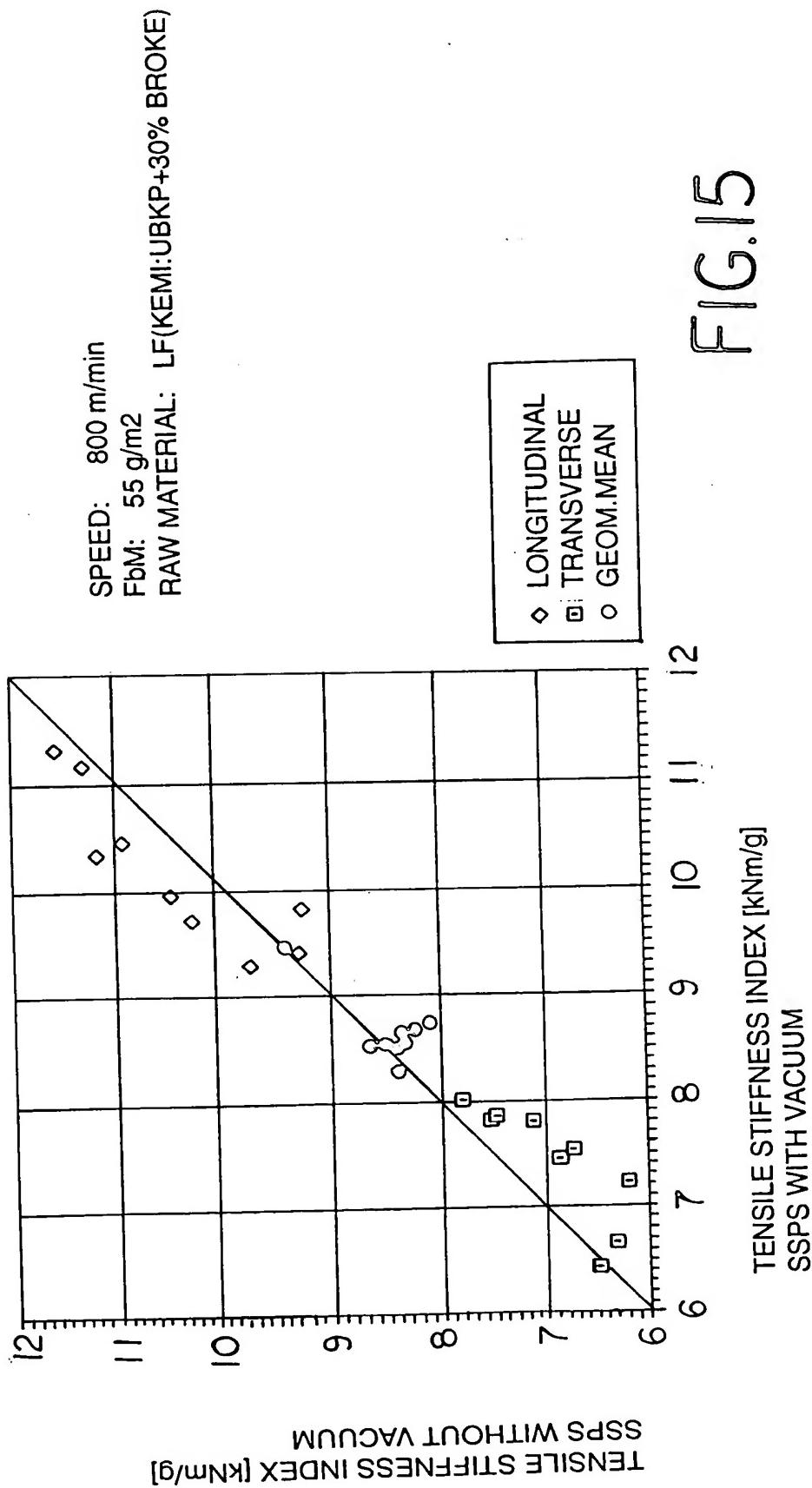


FIG.14

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE
TENSILE STIFFNESS INDEX WITH AND WITHOUT
VACUUM ON SUCTION BOX



SUCTION BOX WITH DIAGONALLY SLOTTED PLATE WITH VACUUM

FIG. 15

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE
 TEAR LENGTH [KM] WITH AND WITHOUT VACUUM AT THE SUCTION BOX
 WITH DIAGONALLY SLOTTED PLATE

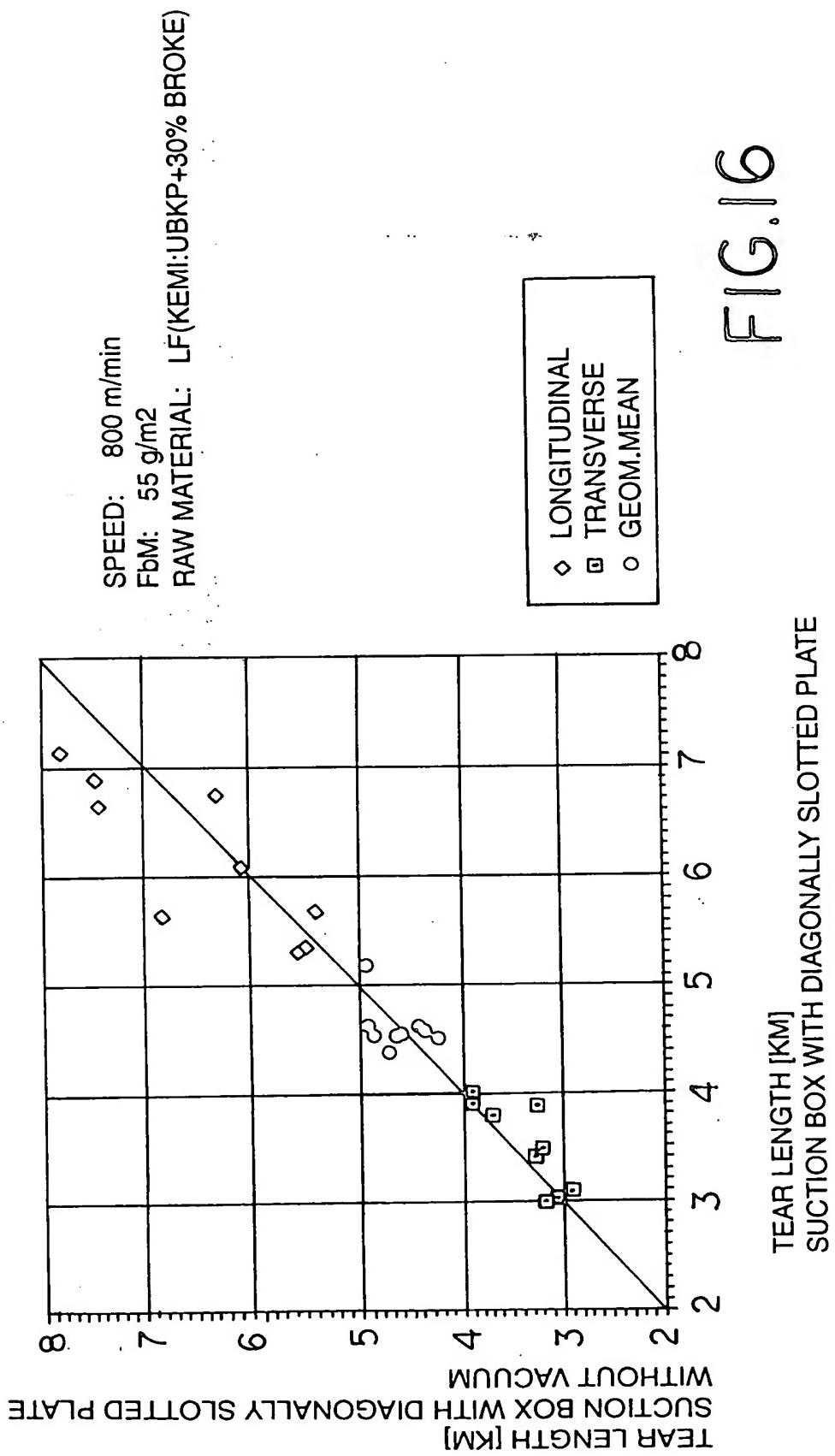


FIG. 16

TEAR LENGTH [KM]
 SUCTION BOX WITH DIAGONALLY SLOTTED PLATE

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE
TENSILE STIFFNESS ORIENTATION WITH AND WITHOUT VACUUM

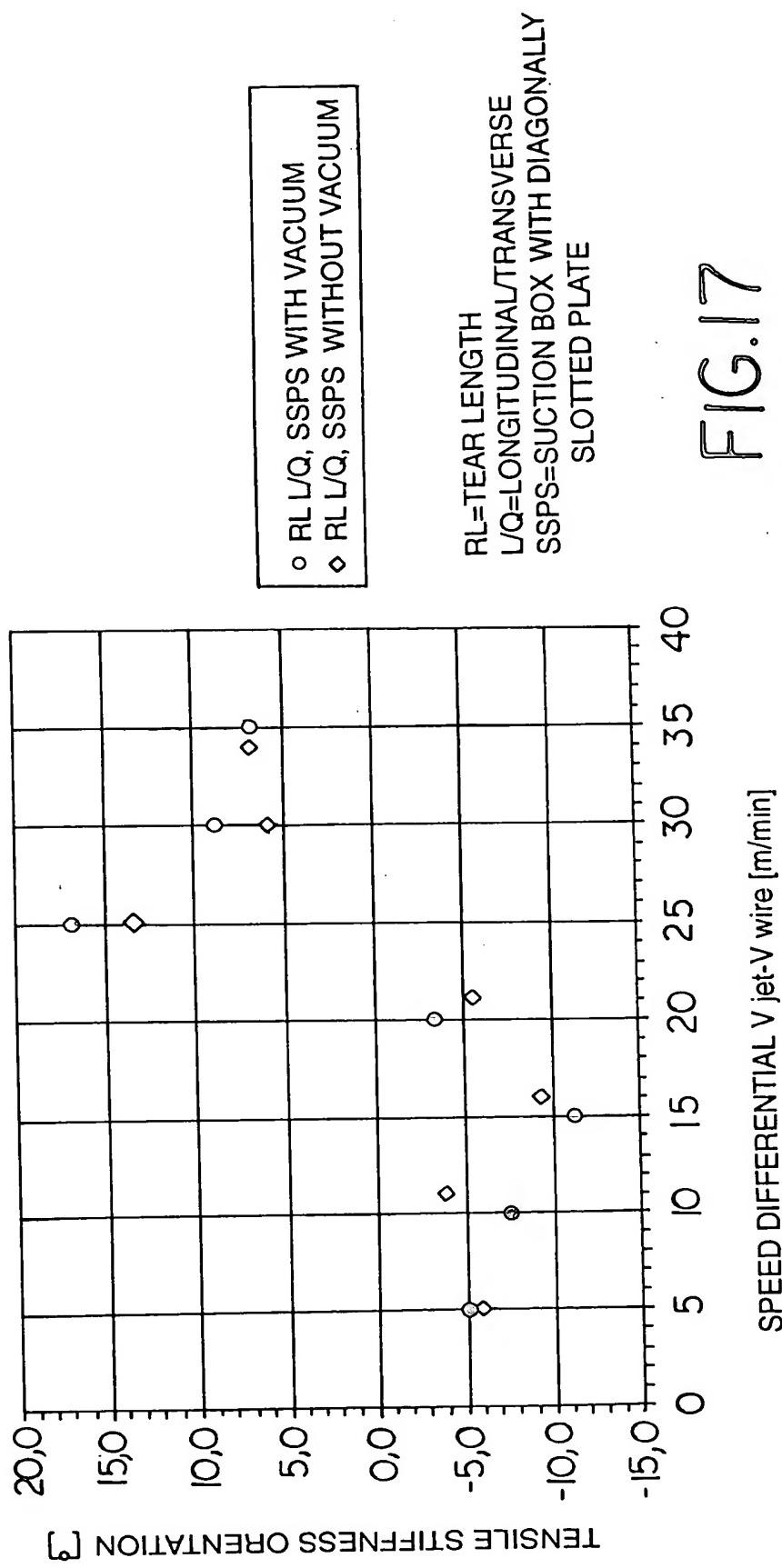


FIG.17

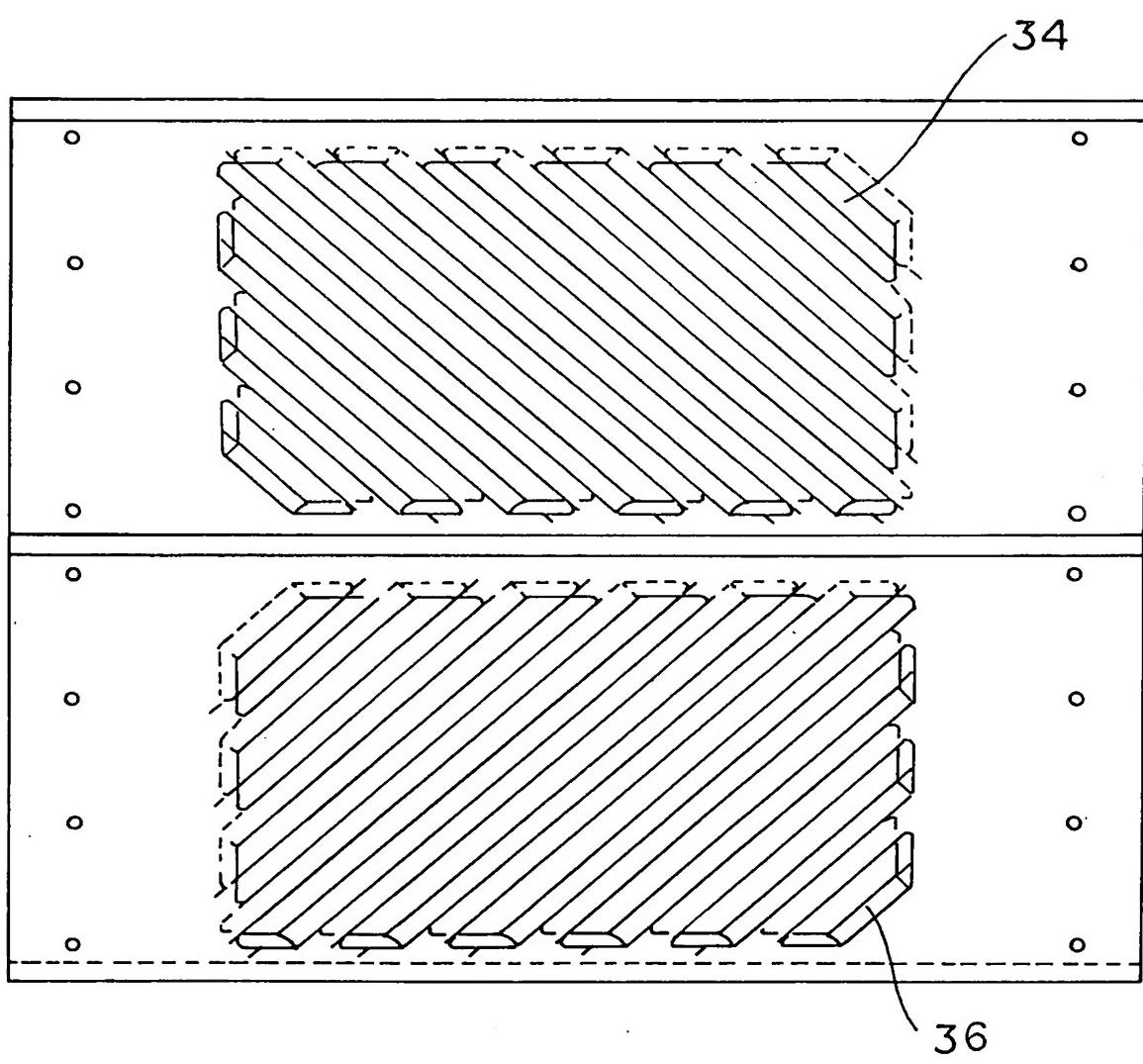


FIG. 18

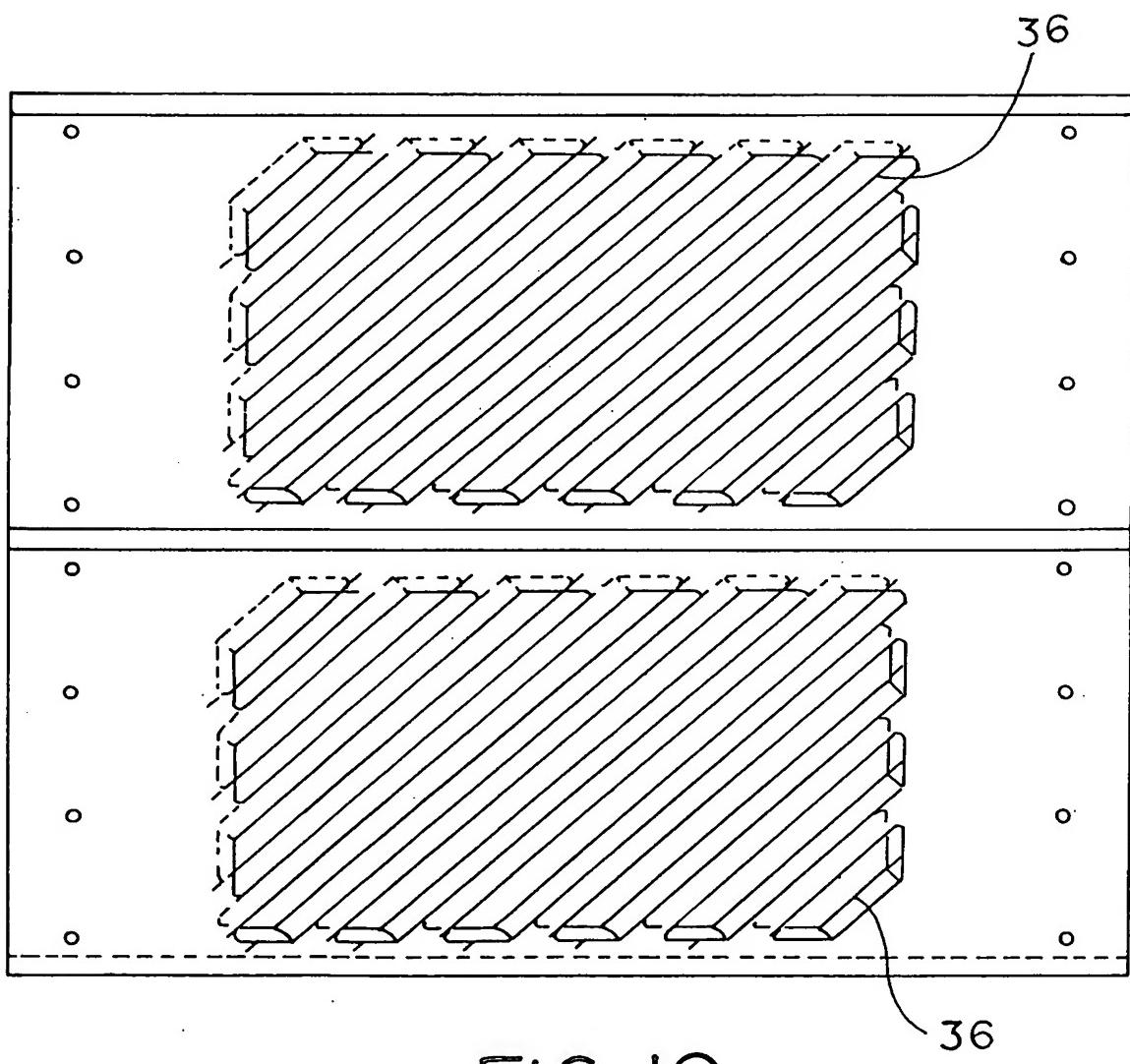


FIG. 19

FIG. 20

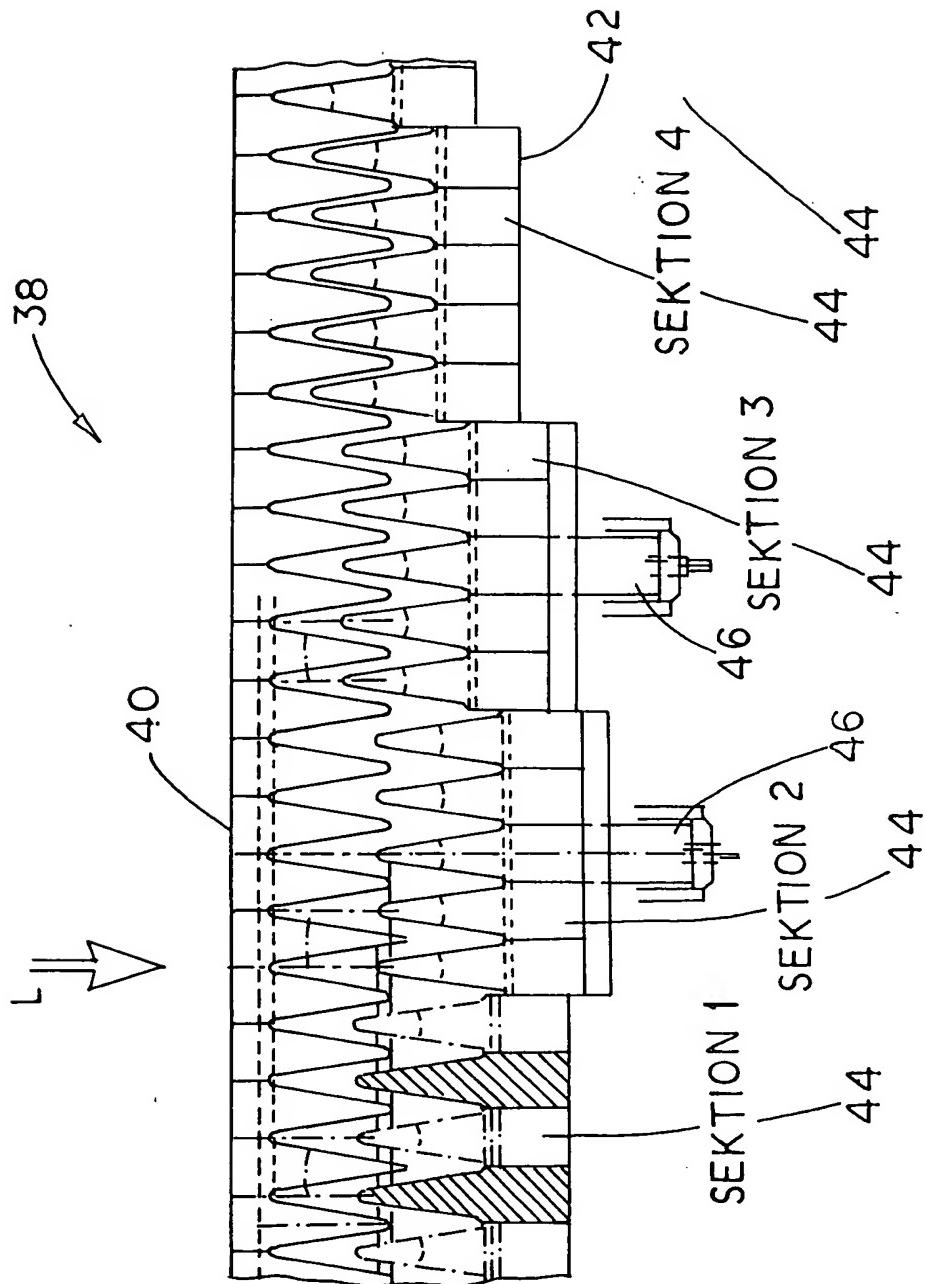
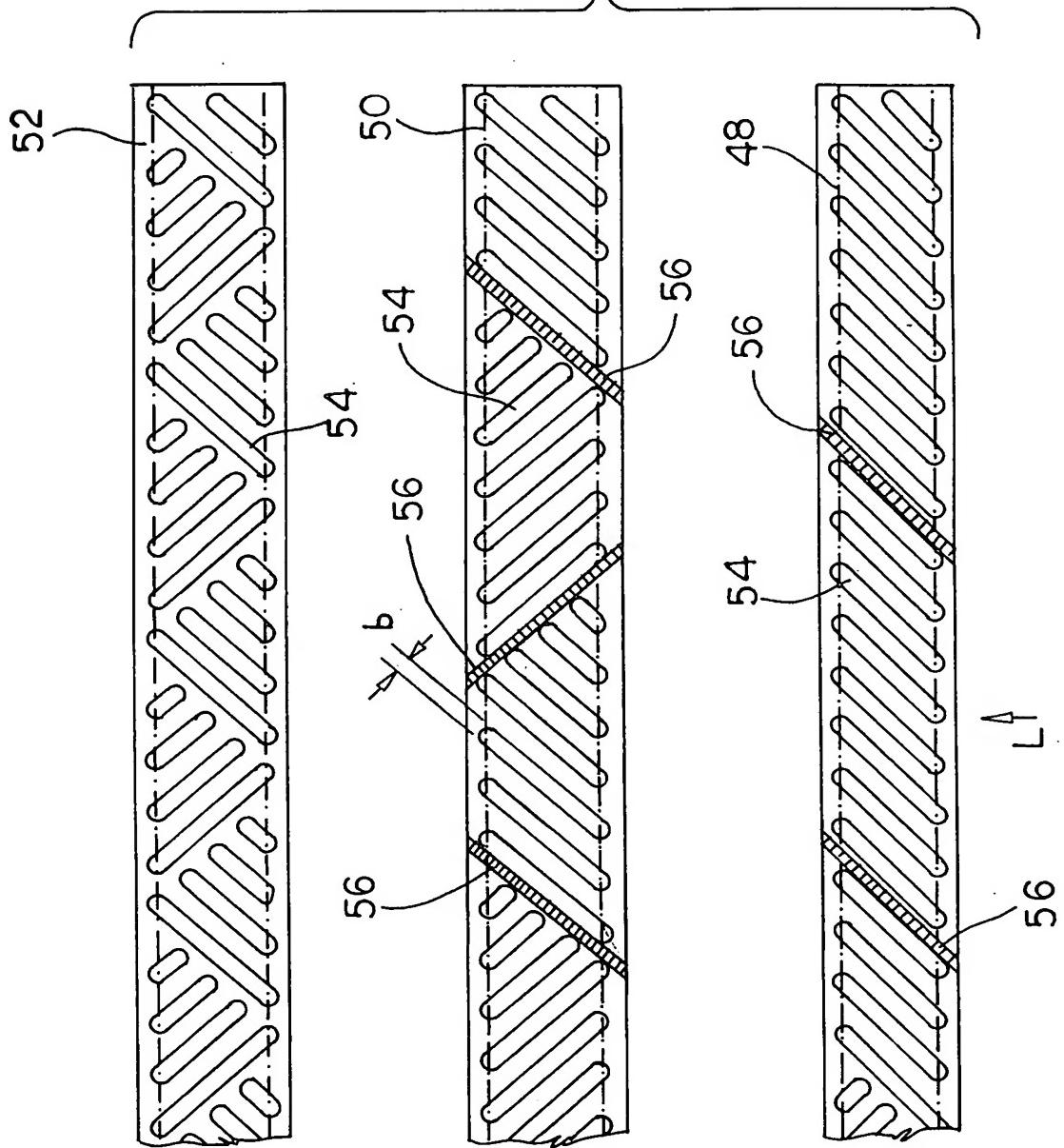


FIG. 21



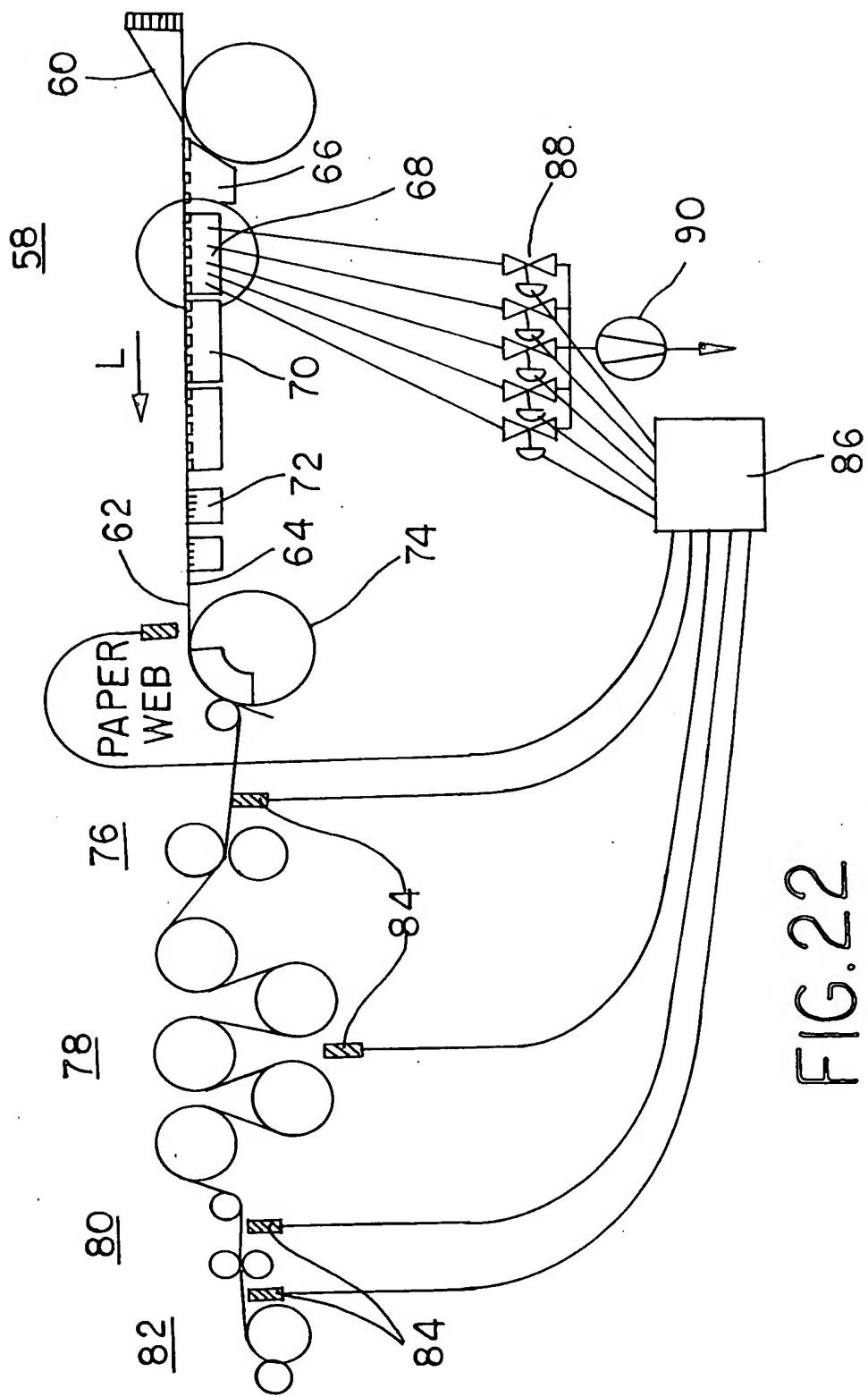


FIG. 22